



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Approve specifications and authorize advertisement for bids for fifteen steel streetlight poles (EUD)

MEETING DATE: November 7, 2001

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for fifteen 30-foot steel streetlight standards.

BACKGROUND INFORMATION: The Electric Utility Department's estimators have issued a work order to replace streetlight poles in the area of Corbin Lane, Charleston Way, Lodi Avenue, and Kensington Way.

The work order calls for nineteen structurally inferior poles to be replaced. This bid and subsequent award would provide fifteen of the replacement standards; the other four would come from inventory.

FUNDING: Electric Utility Department Streetlight Improvement Fund 161672
2001-2003 Financial Plan & Budget, Page E-34
Estimated Cost: \$ 8,000

BID OPENING: November 21, 2001

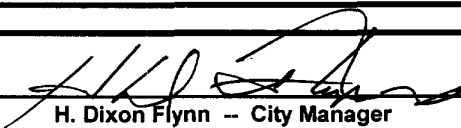


Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

cc: Manager, EUD Engineering and Operations

APPROVED:



H. Dixon Flynn -- City Manager

Steel Streetlight Standard

1. Steel Standard shall be:
 - a. Round tapered shaft with a welded anchor base plate and welded flange for a bolted arm attachment.
 - b. Hot-dipped galvanized finish per ASTM A-123.
 - c. Equipped with one 4" x 6" minimum handhole located along the vertical center line of the arm's mounting flange 1' to 2' above the anchor base plate. Handhole to be free of sharp edges or points. Stainless steel socket flush head cap screws (Allen type) to be supplied with each handhole cover.
 - d. Equipped with ground lug accepting #6 AWG copper conductor, with easy access through the handhole only.
 - e. Supplied with a pole-top cap secured with set screws or set bolts.
 - f. Designed and yield a 30' nominal luminaire mounting height with the specified arm.
 - g. Capable of withstanding a minimum of an 80 m.p.h. wind load.
 - h. Manufactured with a welded anchor base plate. Base plate shall be of ASTM A-36 steelplate and shall be capable of withstanding full bending moment of the shaft. Base shall accept a bolt circle range from 10" to 11" in diameter.
 - i. Supplied with four anchor bolts, 1" x 36" x 4", meeting ASTM F-1554 specifications grade 55, with 2 hex nuts and 2 flat washers each, and anchor bolt cover(s) with Allen type screws(s).
 - j. Supplied with one 8' long arm. The upsweep (rise) height of the arm shall be 3' nominal. The arm-to-pole connection shall have a rain-tight fitting and be bolted type. The arm shall accept a luminaire slip fitter with a 1 1/4" through 2" IPS pipe size range. (1.660-2.375 in. OD)

NOTE: The size and shape of the standard shall be equivalent to Valmont Cat. No. DS50-750A270-8S-GV